THEDARKONEB

IDENTIFYING, LOCATING AND RESCUING VICTIMS OF CHILD SEXUAL EXPLOITATION



SPECIAL AGENT PETE MANNING
SPECIAL AGENT GREG SQUIRE
HOMELAND SECURITY INVESTIGATIONS, BOSTON

WHO ISHSI?

DRUG TRAFFICKING

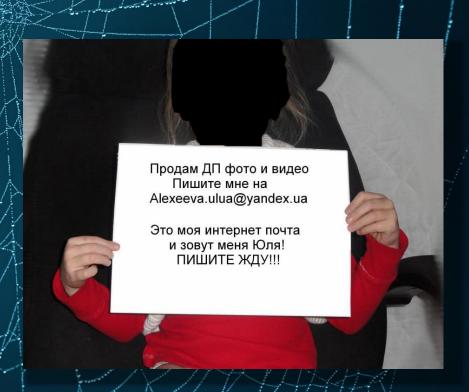
TRANSNATIONAL CRIMINAL ORGANIZATIONS

- COUNTERPROLIFERATION
- NATIONAL SECURITY
- CUSTOMS/TRADE
- HUMAN TRAFFICKING
- CHILD EXPLOITATION
- CYBERCRIMES



HSI: SPECIALIZED TEAMS

- VICTIM IDENTIFICATION
- UNDERCOVER OPERATIONS
- OPEN SOURCE INTELLIGENCE
- DATA COLLECTION
- COLLABORATION
- PROACTIVE VS REACTIVE
- SOPHISTICATED TARGETS
- THE DARK WEB



WHAT IS TOR?

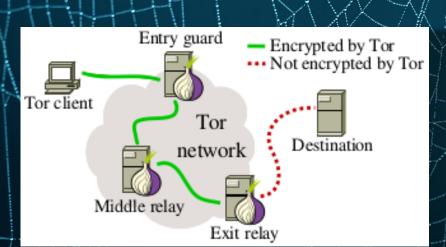
- "NOTHING BUT NET"
- ORGINALLY DEVELOPED BY THE US NAVY
- · NOW A NON-PROFIT ORG
- THERE ARE LEGITIMATE USES FOR TOR

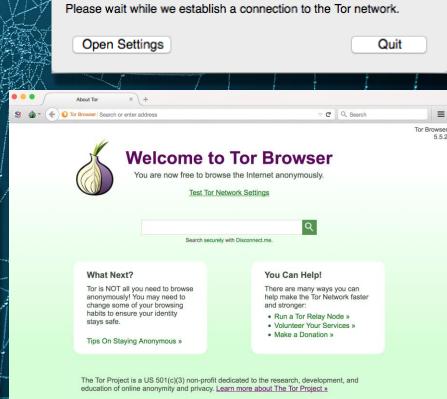








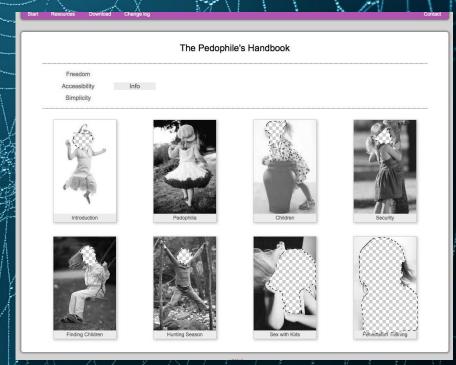




Tor Status

THE DARK WEB: WHAT DOES IT LOOK LIKE?

- JUST LIKE THE OPEN WEB
- URLS ARE RANDOM STRINGS
- .ONION REPLACES .COM
- WEBSITES = "HIDDEN SERVICES"
- READ, DISCUSS, BUY, SELL AND
 - TRADE ALMOST ANYTHING
- YOU CAN'T "GOOGLE" IT (YET)



THE

EXCHANGE

THE DARK WEB: WHERE IS 17

IF YOU USE TOR, YOU ARE THE DARK WEB

Tor circuit for this site

(es2adizg32j3kob5.onion):

This browser

Russian Federation (62.109.4.115)

Russian Federation (94.188.28.136)

United States (38.229.70.51)

(relay)

(relay)

🗘 (relay)

Onion site

Tor circuit for this site

(es2adizg32j3kob5.onion):

This browser

Russian Federation (62.109.4.115)

France (195.154.226.97)

France (62.210.206.25)

(relay)

🗘 (relay)

(relay)

Onion site

LE DARKIWES BAD

Topic Links has a new Forum!

General *

All natural spanking!

Антипуританский фронт

BI-lit RU/EN &

BLT Radio DE Tor-Block!

Cache of Cheese Pizza y Cebolla Chan 3.0 ES

Image Boards *

Candydoll reborn

Tor-Block! &

..: Girls Only :.. •

Polish Pedo Chat PL V

Russian Cumers Chat

Russian BoyLovers RU V

Russian Cumers Chat

Russian Pedobear Ru V

The Boy Wonder ♥ ♂

The Giftbox Chat

Multi-Lang ♥

Princess Jade Chat

Chat Rooms *

DRSP 3.0 DE

One World

RU ¥

natural spanking!

DRSP 3.0 DE

Chat Rooms *

World

h Pedo Chat PL

ess Jade Chat ian Cumers

sian BoyLovers

File Hosts

12chan AnonFiles

Ayame Uploader JP dl.free.fr FR

ExchangeFile.ru RU

Files of Passion

InfoTomb Caution! Just Another File Host

Pedo Guides *

Child love (guide) Ca

Jazz guides * new!

The Pedophile's Har The Pedophile's Har

RU

Erotic Stories

Felixxx Image Uploader Freedom Image Hosting FreeImageHosting.net Image Hosting by Slugger

Security & Guides

Bleachbit Tor-Block!

Diceware: Secure Passphrases

Email Self-Defense

Eraser

Gnu Privacy Guard (GnuPG) Tor-Block!

JonDoFox

JonDonym - IP check

Linux Crypto: Disks

OSX Security and Privacy Guide

Security in-a-Box

Still's Proxy Checker Corner

Surveillance Self-Defense

Tails Guide

The Tor Browser Guide

Tor Check - Are you using Tor?

TorCheck at Xenobite.eu

Truecrypt (Decrypt Only)

Truecrypt Next

Whoer - Browser Info Tor-Block!

Cute Boys (onlyhot) 3

Cute Girls (onlyhot)

Два.ч — ♥ — Lюbовь

GChan v

IDFC •

PedoChan (RuPedo M

♥ Caution!

BoyLover.org &

Boy Vids v4.0 ♥ ♂ Édenkert 2.0 HU

Genki Forums JP

Girllover-Forum DE Cau

Magic Kingdom *

Naturist Boy Vids v2.0 Nymphetomania 5 RU (

PAIS DE

Paradise Village *

Paraíso de Columpios

SUSPE

Do you believe in

We are girl-lovers, pedophiles. We are not child We strive to be the place where we can use work as opposed to, "fuck-toy" and "slut". We don't wa girls but we do ask that you have a decent attitud focus is solely on sex, maybe we're not for you. It to be a part off, please join us. We'r

Nickname:

Password (A-Z,a-z,0-9,symbols):



Guests, choose a good passw

* Random Colour *

Currently 89 girllover(s) i

Members: Nahue

Guests: Sabaton steam silversurfer hollywood

KIng of hashiton Kid Reload Members: Daddytwogirls Rado

merlo Selina hebelo

Germais Wooky En merlo > pedomoms? bobo huri narpertel merlo > hi all

krewsa Yoloslut teenfan

Wolf namaka nikim jules > yeah gifs would be gr8

Plinder humpty ravi

green shaolin

mordfre schlafenzeit SixxeGirssl yann

Nahue

Guests:

show 88 guests

Bottom

Ker

littlegirlperv Germais > Hey folks

wukila leona Ernie > GChan:1245.jpg

Duke Wettodpussy > Hey folks

las cracker > GChan:1468.jpg

immerfeucht > ohhh, mein harter Onkel ist auch

da.... servus

ukem > hi

Sabaton > Hello! Could you receive some hot

gifs? Thankss a lot

glory > heii

teenfan > hi to all!!! :)

harterOnkel > hallo immerfeucht

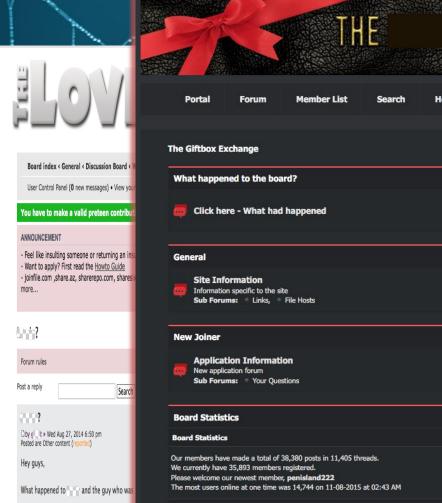
immerfeucht > hello lol

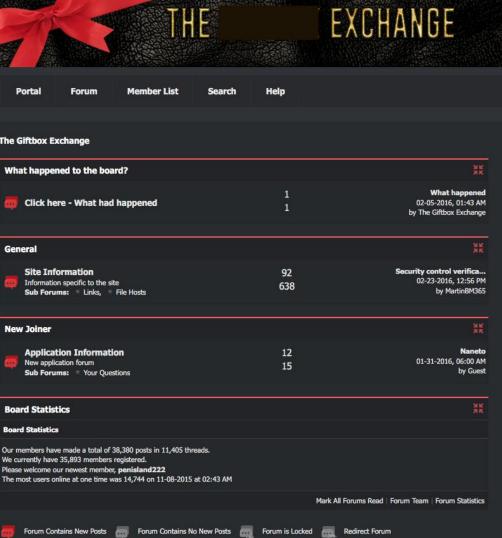
tinolino > hello hallo

goodtobebad > nice

cocotots > yummy mums and there little onegon

LE CHAT TCC Firecracker







LAW ENFORCEMENT SUCCESSES

- DRAMATIC INCREASE IN THE NUMBER
 OF CHILDREN RESCUED
- COOPERATION AND COORDINATION:

 (FEDERAL, STATE, LOCAL,

 INTERNATIONAL, PRIVATE INDUSTRY

 AND NON-PROFIT)
- CHANGÉ IN MINDSET: PROACTIVE VS
 REACTIVE
- FASTER LEARNING

thorn



QUESTIONS?



SA GREG SQUTRE GREGORY, SQUTRE@DHS, GOV

SA RETE MANNING

PETER. MANNINGODHS. GOV

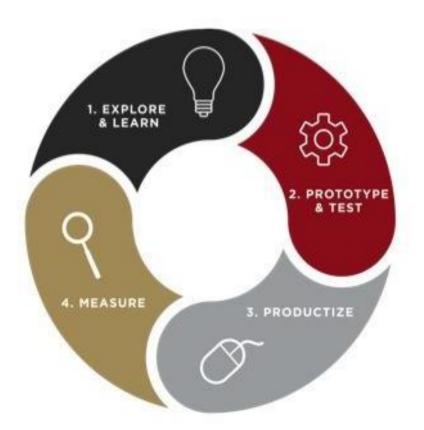
HSI PHOENIX CONTACT:

ASAC ERIC MCLOUGHLIN/ASAC JUAN ESTRDA ERIC.MCLOUGHLIN@ICE.DHS.GOV JUAN.ESTRADA@ICE.DHS.GOV

Thorn: Digital Defenders



THORN DRIVES TECHNOLOGY INNOVATION TO FIGHT CHILD SEXUAL EXPLOITATION.



1. EXPLORE & LEARN

We maintain a vast global network of professionals on the front lines of this issue. We invest in research to better understand emerging trends.

2. PROTOTYPE & TEST

We explore new strategies to identify victims, deter predators and disrupt platforms through our innoavation lab, hackathons, and partnerships. We try things that haven't been done before, and will risk failure to achieve greater impact from success.

3. PRODUCTIZE

When we identify a new approach that has impactful results, we will invest to scale that tool and put it in the hands of those who can deploy it across the country and internationally for broadest reach.

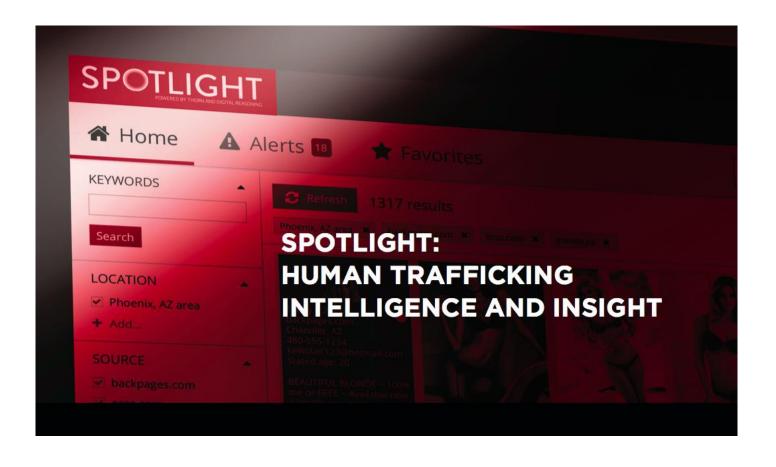
4. MEASURE

We measure everything we do and then bring those finding back into our workflow to improve future work.



SPOTLIGHT

Spotlight takes the massive amounts of data available online and turns it into an asset for law enforcement.



SPOTLIGHT POWERED BY THORN AND DIGITAL REASONING

1,865 users
482 agencies
319 cities

49 states (including Washington DC)

SPOTLIGHT

#1 Human Trafficking Investigations Tool in the U.S.

860+ cases
300+ victims identified
(including 45 minors)
63 traffickers identified

Stats come from user survey conducted in October 2015, with an 8% response rate.

SPOTLIGHT

Spotlight has reduced the time it takes to investigate human trafficking cases by

MAJOR ACTIVITIES & PARTNERSHIPS THIS YEAR

- Re-launched <u>www.htspotlight.com</u> for easier sign up process for users
- Strong training partnership with Fox Valley Technical College and ICAC
- Future expansion into Canada

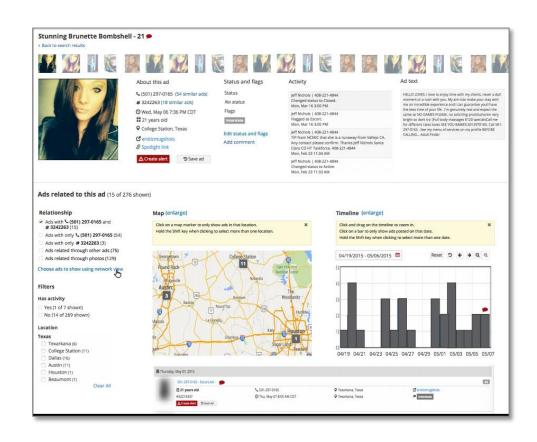


Email <u>spotlight@wearethorn.org</u> to sign up!

(Law enforcement only)

LOOKING AHEAD: FUTURE ENHANCEMENTS

- Expanded analytics including network analysis
- Additional data sources (new open web sources, public records, etc.)
- Exploring further photo analysis/facial recognition



THORN INNOVATION LAB

Located in San Francisco, our engineers are dedicated to developing innovative technology to fight child sexual exploitation.

Thank you to our partners for their generous support



Supporting Sponsors

















We create collisions and collaborations.

Thorn's Innovation Lab benefits from the power of partnerships.

Partners collaborate with ideas, resources, data and implementation of new concepts produced in the lab.













THORN

TECH INDUSTRY

LAW ENFORCEMEN

ACADEMIA

GOVERNMENT

NGOS



CURRENT CHALLENGES

Our problems lie at the intersection of intelligence, cybersecurity and social media and encompass a wide technical range. We're thinking about:



HOW WE CAN IMPROVE INDUSTRY COLLABORATION TO IDENTIFY BAD ACTORS THAT ABUSE MULTIPLE PLATFORMS.



HOW TO COMBAT THOSE WHO HIDE BEHIND TOR AND OTHER ENCRYPTED NETWORKS TO ACTIVELY ABUSE CHILDREN.



HOW FACIAL RECOGNITION AND OBJECT IDENTIFICATION CAN WORK ON VERY LARGE SCALES FOR VICTIM IDENTIFICATION.



HOW LINGUISTIC ANALYSIS AND COMMUNITY DETECTION CAN HELP FIND TRAFFICKING AND ABUSE VICTIMS AND STOP PREDATORS FASTER.



HOW WE CAN TRIAGE THE MASSIVE VOLUME OF INTELLIGENCE DATA BEING COLLECTED EVERYDAY FOR CASE DISCOVERY AND PRIORITIZATION.



THANK YOU



ARIZONA INTERDICTION FOR THE PROTECTION OF CHILDREN PROGRAM

PRESENTED BY CAPTAIN JENNIFER PINNOW, ARIZONA DEPARTMENT OF PUBLIC SAFETY





INTERDICTION FOR THE PROTECTION OF CHILDREN

- Developed by Texas DPS
- Conducted four IPC trainings in Arizona since July 2014
- Did a Train-the-Trainer class in September 2015
- Six instructors certified by Texas DPS to teach IPC DPS,
 DCS and Childhelp
- First class in December 2015
- 626 law enforcement, DCS, probation, prosecutors and child advocacy people in Arizona trained in IPC







2015 IPC TROOPER CHILD RESCUES

- Rescued 28 children during traffic stops
- 18 children were reported runaway or missing
- Four children had been abducted
- Four possible child human trafficking victims were identified
- Four arrests were made related to a child abuse/endangerment charge
- 12 high risk threats to children were identified

Rescued Child – Any child a trooper takes physical custody of or directly intervenes and influences the possession of, who has been identified as at risk of victimization, a known child victim, or missing.

- A child is any person under the age of
- Victimization includes sexual assault, abduction, exploitation, trafficking, abuse or neglect
- At risk of victimization When a trooper intervened before any victimization occurred and can articulate

OPERATIONS

and the public's awareness of the Arizona Department of Public Safety's initiative to proactively protect children during routine traffic contacts

- Two, multi-state, three day operations
- 6,027 Contacts/Stops
- One child rescue
- Two arrests/charges related to a Crime Against a Child
- Two reports to Department of Child Safety
- 23 Registered Sex Offenders contacted
- 310 Children under the age of 16 contacted
- 66 Children ages 16 & 17 contacted
- 57 Children under 18 checked through ACIC/NCIC

Arizona Department of Public Safety



PROTECTING CHILDREN

Arizona Department of Public Safety Troopers are committed to protecting children through actively looking for indicators of missing, exploited, abused, trafficked or endangered children, taking action to ensure children are safe and investigating individuals who pose a high risk threat to children.



If you know or suspect a child is in danger or at risk of being exploited, abused or trafficked, please call 911 immediately or your local law enforcement agency, the Department of Child Safety (1-800-SOS-CHILD) or the Arizona Fusion Center (877-2-SAVEAZ or azactic.gov).

Stop Details: Identify endangered children and human trafficking victims that may frequent truck stops and surrounding areas

- Two, Phoenix-area truck stop details in 2015
- Utilized undercover commercial vehicle and undercover officers
- Located an adult male with three missing juveniles in a known sex trafficking area late at night
- Five adult human trafficking victims were contacted and offered assistance

2016 GOALS

Provide IPC training to troopers and other law enforcement, probation, Department of Child Safety and prosecutors in Arizona

- Conduct at least four IPC classes in Arizona
- Add an IPC module to the DPS Field Training program
- Train at least two additional IPC instructors.
- Obtain grant funding for instructors' and students' travel costs

Increase the number of child rescues

- Participate in two Crimes Against Children Operations
- Coordinate and conduct two Human Trafficking Truck Stop Details, at least one of which will be statewide
- Obtain grant funding for overtime costs associated with operations, details and investigations

Increase troopers' reporting of child rescues and high risk threats to children

Write a DPS policy on child contacts and reporting



OFFICE: 602-223-2739

EMAIL: JPINNOW@AZD

CAPTAIN JENNIFER PINNOW, ARIZONA DEPARTMENT OF PUL_._ ,

ARIZONA INTERDICTION FOR THE PROTECTION OF CHILDREN COORDINATOR

